BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Providing and Fixing of SWD boundary poles and chainlink fencing at vulnearable locations of SWD in ward No. 08 Kodagihalli

SN	Description	No	L	B	D	Estimated Cost Qty	Rs.10,00,000=00 Rate	Unit	Amount
1	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of servicable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thicknesscomplete as per specifications. II. By Mechanical means: A. In Area of light jungle. MORTH Specification No. 201(SR18-19,page No.~~272/37.64~~) 139/18.5								
		1	2500		5	12500			
	Deduct 30% voids					3750			
						8750			
	1 Sqm = 0.0001 Ha					**0.875**	**19637.6**	**Hectors**	**17183.00**
2	Providing and fixing RCC precast fencing pole of size0.15mX0.15X2.0m casted in CC 1:1.5:3 with 20mm downsize agregate making holes for drawing darbed wire at 30cm C/C using 10mm dia vertical 4 TMT steel roads and 8mm dia stirrups at 15cm C/C using 1.5m above ground level using steel moulding, curing transportation to work spot including excavation in hard soil fixing in plan cement concrete 1:2:4 using 20mm down size aggregate including aligning to plumb and line providing including cost of all materials, labour, hire charge of machineries lead, lift loading and loading etc.. complete.(SR18-19,page No.272/37.64)								
	Basic Rate=Rs. 176	1761.00							
	Area weightage 6%	105.66							
	Total	1866.66							
						125	**1866.66**	**Each**	**233332.5**
3	Painting two coats on new concrete surface:painting two coats after filling the surface with synthetic enamel point in all shades on new plasteres concrete surface complete peer specification Morth specification No.803 (SR18-19,page No.181/24.7)								
	Basic Rate	82.00							
	Area weightage 6%	4.92							
	Total	86.92							
		125X0.60x1.7				127.5	**86.92**	**Sqm**	**11082.3**
4	KSRRB M800-10 painting new letter and figures of any shade with synthetic enamel point block or any other approved colour to give an even shade complete as per specification.(ii) english and Roman hyphaen and the like not to be measured an paid for Morth specification No801.(SR18-19,page No.181/24.10)								
	Basic Rate	0.70							
	Area weightage 6%	0.042							
	Total	0.74							
	for 7.5 cm height=0.74X7.5	**5.55**							
	Total	**2X7X125**				**1750.00**	**5.55**	**Cm**	**9712.50**

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Sr.	Description	No	L	B	D	Qty	Rate	Unit	Amount
5	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork **excavation by manual means in ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**								
		50	0.5	0.50	1.10	13.75			
	Basic Rate	130.00							
	Area weightage 6%	7.8							
	Total	137.80				**13.75**	**137.80**	**Cum**	**1894.75**
6	KSRB 4-1.1 : Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.1. (P.No. 13/I.No. 4.1 of CSR 2018-19)								
		50	0.5	0.50	0.90	11.25			
	Basic Rate	5283.00							
	Area weightage 6%	316.98							
	Total	5599.98				**11.25**	**5599.98**	Cum	**63000.00**
7	Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) **Page No. 262 / Item No. 37.2, PWD SR 2018-19**								
	For Chain Link		50	3.00		150.00			
	Basic Rate	859.00				**150.00**	**910.54**	**RMT**	**136581.00**
	6%	51.54							
	Total	**910.54**							
8	Providing and fixing **M.S. Block pipe** of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. **Page No. 262 / Item**								
	Chain Link Fencing		4	100.00		400.00			
	Basic Rate	408.00				**400.00**	**432.48**	**RMT**	**172992.00**
	6%	24.48							
	Total	**432.48**							
9	Providing **chain link fencing** 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint **Page No. 262 / Item No. 37.3, PWD SR 2018-19**								
	Chain Link Fencing		1	100.00	2.40	240.00			
	Basic Rate	715				**240.00**	**757.90**	**Sqm**	**181896**
	Area Weightage @	42.90							
	Total	757.90							

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Description	No	L	B	D	Qty	Rate	Unit	Amount
Providing J.C.B. Excavator on Hire basis including operator and Fuel (P-XLVII/ 1.23) PWD SR 2018-19								
10								
		1		11.00	11.00			
Basic Rate 5695/day					11.00	5695.00	Days	62645
							Total	890319
							GST 12%	106838
							Sub Total	997157
							Miss	2843
							Grand total in Rs.	1000000.00

Certificate

1 Certified that I have personally inspected the area and prepared the estimate
2 Certified that the work propsed in this estimate is not included in any other scheme
3 Certified that the estimate is prepared as per 2018-19 PWD SR

Assistant Engineer
Byatarayanapura sub

Assistant Executive Engineer
Byatarayanapura sub division

Executive Engineer
Yelahanka Zone

Technically sanctioned for Rs. 10.00 lakhs.
(Rs. Ten lakhs only .....
.....
is accorded under head P-3297 14th Finance Grant
.....
Registered as CE No. 01/19-20 Sub
to conditions contained in enclosed memo
No. 01/19/20 Dt. 6/1/2020

AE / JE TA CE (SWD)

Administrative sanction for Rs. 10.00 lakhs
(Rs. (10) Ten lakhs only/- .....
.....
is accorded under head P-3297 14th Finance Commission Grants - SWD Works
Registered as CE No 65-19/20 Subject
to conditions contained in enclosed memo
No. 65-2019/20 Dt. 03-01-2020

AE / JE TA 03/01/2020 CE (SWD) 3/01/2020

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